obtaining information from said analytical detector module;

displaying said information locally on a display within said communication module; and

transferring said information to a remote location via a communication module.

12. (Amended) A portable medical analyzer comprising:

a sampling module comprising a sample port for receiving at least one body fluid, said sampling module housed in a cartridge;

an assay sensor module housed in said cartridge, said assay sensor module comprising at least one assay sensor adapted to at least one assay for said body fluid;

an analytical detector module comprising at least one signal processor and circuitry for processing of signals from at least one detector corresponding to said assay sensor, said detector adapted to detect information from said assay;

a communication module coupled to said signal processor, said communication module comprising a transmitter and receiver in communication with an information management system, wherein the information management system is a centralized means for collecting and processing information for functions.

21. (NEW) A method for portable medical analysis comprising:

obtaining a body fluid;

housing said body fluid within a cartridge comprising an assay sensor module;

positioning said cartridge into an analytical detector module, wherein positioning said cartridge comprises breaking a pressure seal on said cartridge, said breaking adapted to transfer said body fluid to at least one assay sensor in said

assay sensor module;

obtaining information from said analytical detector module;

displaying said information locally on a display within said communication module; and

transferring said information to a remote location via a communication module.

22. (NEW) A portable medical analyzer comprising:

a sampling module comprising a sample port for receiving at least one body fluid, said sampling module housed in a cartridge;

an assay sensor module housed in said cartridge, said assay sensor module comprising at least one assay sensor adapted to at least one assay for said body fluid;

an analytical detector module comprising at least one signal processor and circuitry for processing of signals from at least one detector corresponding to said assay sensor, said detector adapted to detect information from said assay; and

a communication module coupled to said signal processor, said communication module comprising a transmitter and receiver in communication with an information management system, wherein said information management system comprises a means for brokering medical data.

23. (NEW) A method for portable medical analysis comprising:

obtaining a body fluid from a tissue puncture created by a lancet, wherein the lancet is driven outward from a cartridge by a lancet driver and wherein the body fluid from the tissue puncture flows into the cartridge;

housing said body fluid within the cartridge, said cartridge having an assay sensor;

obtaining information regarding said body fluid in the cartridge from an analytical detector in communication with the assay sensor; and

transferring said information to a remote location via a communication module.

24. (NEW) A method as in claim 23 further comprising displaying said information locally on a display coupled to said communication module.

25. (NEW) A method as in claim 23 wherein said communication module is adapted to transfer said information to a remote location.

26. (NEW) A method as in claim 23 wherein said cartridge includes a plurality of assay sensors, each of said sensors performing the same analysis on the body fluid.

27. (NEW) A method as in claim 23 wherein said cartridge includes a plurality of assay sensors, each of said sensors performing a variety of different analysis on the body fluid.

28. (NEW) A method as in claim 27 wherein at least one of said sensors provides analysis for one of the following: a blood chemistry, hematology, immuno-diagnostics those for drugs of abuse, serum cholesterol, glucose, FOBT, pregnancy, ovulation, DNA based assays, immuno assays, proteomics and genomics.

29. (NEW) A method as in claim 23 wherein said transmitter uses at least one interface chosen from radio frequency, infrared and standard ports.

30. (NEW) A method as in claim 23 wherein said lancet is driven by an electromechanical lancet driver.

31. (NEW) A method as in claim 23 wherein said lancet is driven by an electrical lancet driver.

32. (NEW) A portable medical analyzer comprising:

a lancet within a cartridge;

a lancet driver for advancing said lancet to puncture tissue;

a sample pathway for receiving at least one body fluid from a tissue puncture formed by said lancet, said pathway contained within the cartridge;

at least one assay sensor housed in said cartridge, said sensor adapted for at least one assay for said body fluid received by said sample pathway;

an analytical detector comprising at least one signal processor and circuitry for processing of signals from at least one detector corresponding to said assay sensor, said detector adapted to detect information from said assay; and

a communication module coupled to said signal processor, said communication module comprising a transmitter and receiver in communication with an information management system.

33. (NEW) A portable medical analyzer according to claim 32, wherein:

said communication module comprises a transmitter adapted to transfer said information to a remote location.

34. (NEW) A portable medical analyzer according to claim 32, wherein:

said communication module comprises a receiver adapted to communicate with a remote location.

35. (NEW) A portable medical analyzer according to claim 32, wherein:

communication module has a transmitter using one of the following for transmission of information to a remote location: infrared or radio frequency signals.

36. (NEW) A portable medical analyzer according to claim 32, wherein:

communication module includes at least one of the following: a processor, display, RF chip, antenna, an operating system, RAM, DRAM, or a PCMCIA interface.

37. (NEW) A portable medical analyzer according to claim 32, wherein:

said communication module is adapted to couple with said analytical detector via said standard port.

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38. (NEW) A portable medical analyzer according to claim 32, wherein:

said transmitter is adapted to include at least one interface chosen from radio frequency, infrared and standard ports.

39. (NEW) A portable medical analyzer according to claim 32, further comprising:

an information storage unit for storing said information locally on said portable medical analyzer.

40. (NEW) A portable medical analyzer according to claim 32, wherein said driver comprises an electromechanical lancet driver.

41. (NEW) A portable medical analyzer according to claim 32 wherein said driver comprises an electrical lancet driver.